Dart Aerospace Ltd. Thursday, 8/23/2007 11:50:34 AM . ⊌ser: Kim Johnston **Process Sheet** : BRACKET Customer : CU-DAR001 Dart Helicopters Services **Drawing Name** Job Number **Estimate Number** : 12840 : NA : D35421 P.O. Number Part Number : 8/23/2007 S.O. No. : NA : D3542 REV A This Issue **Drawing Number** Prsht Rev. : N/A Project Number First Issue Type : MACHINED PARTS **Drawing Revision** : 32606 Material Previous Run : 9/3/2007 **Due Date** Written By Checked & Approved By 07-04-23 JLM Comment : Est Rev: W New Issue EC Est Rev: B updated powder coat per NCR 07.05.16 **Additional Product** Job Number: Seq. #: **Machine Or Operation:** Description: 1.0 M6061T6B3000X01500 6061-T6 Bar 3" x 1.5" M16530 Comment: Qty.: 0.3500 f(s)/Unit Total: 6061-T6 Bar 3" x 1.5" x 4" Long 2.0 HAAS1 HAAS CNC VERTICAL MACHINING #1 Comment: HAAS CNC VERTICAL MACHINING #1 1- Mill as per Folio FA684 Rev: A A & Dwg D3542 Rev: 4 2-Deburr per dwg D3443 3.0 QC2

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Comment: INSPECT PARTS AS THEY COME OFF MACHINE



SECOND CHECK

Comment: SECOND CHECK



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HAND FINISHING



Comment: HAND FINISHING RESOURCE #1

HAND FINISHING RESOURCE #1



Chemical Conversion Coat as per QSI 005 4.1





Dart Aerospace Ltd

| W/O: | | | WORK ORDE | R CHANGES | | 18 Y | | |
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| DATE | STEP | | PROCEDURE CHANGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No: | PAR #: Fault Category: | NCR: Yes (No) DQA: Date: MING |
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| | | QA: N/C Closed: Date: |

| NCR: | WORK ORDER NON-CONFORMANCE (NO | | | | NCR) | | | | | |
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NOTE: Date & initial all entries

Thursday, 8/23/2007 11:50:35 AM Date: User: Kim Johnston **Process Sheet** Drawing Name: BRACKET Customer: CU-DAR001 Dart Helicopters Services Job Number: 34221 Part Number: D35421 Job Number: Seq. #: Description: **Machine Or Operation:** POWDER COATING POWDER COATING 6.0 Comment: POWDER COATING Powder Coat Grey sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 *****ENSURE TO MASK INSIDE BORE***** INSPECT POWDER COAT/CHEMICAL CONVERSION 7.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING 1 PACKAGING RESOURCE #1 8.0 Comment: PACKAGING RESOURCE #1 Identify and Stock 9.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE L De 12.07 Job Completion

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NOTE: Date & initial all entries

| DART AEROSPACE LTD | Work Order: 34aal |
|------------------------------|----------------------|
| Description: Bracket | Part Number: D3542-1 |
| Inspection Dwg: D3542 Rev: A | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|----------------------|-----------------|------------------|--------|--------|-------------------------|-----------|
| Ø2.010 | +0.005/-0.000 | Ø2013 | | | | |
| Ø2.50 | +0.012/-0.001 | \$2.500 | | | | |
| 3.75 | +/-0.030 | 3.748 | | | | |
| 2.50 | +/-0.010 | 2.496 | | | | |
| 1.00 | +/-0.010 | 0.993 | | | | |
| 0.06 x 45° | +/-0.030 x 0.5° | 0.060 X45° | | | | |
| Ø0.266 | +0.006/-0.001 | 00.271 | | | | |
| 1.00 | +/-0.030 | 0.993 | | | | |
| 0.50 | +/-0.030 | 0.494 | | , | | |
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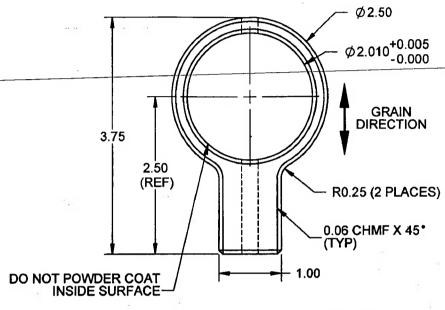
| Measured by: | Audited by: | Prototype Approval: | N/A |
|----------------|-----------------|---------------------|-----|
| Date: 07/12/05 | Date: 6.2.12.05 | Date: | N/A |

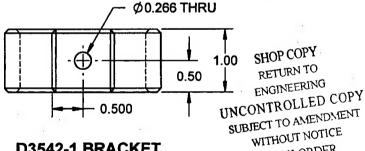
| Rev | Date | Change | Revised by | Approved |
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| Α | 07.06.13 | New Issue | KJ/JLM of | B |
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| CHECK | (ED | APPROVED | DRAWING NO. | REV. A |
| | B | -t t | D3542 | SHEET 1 OF 1 |
| DATE | -1- | | TITLE | SCALE |
| | 06. | 11.27 | BRACKET | 2:3 |
| REV | | DATE | DESCRIP' | TION |
| Α | | 06.11.27 | NEW ISSUE | |

RELEASED





D3542-1 BRACKET



1) MATÉRIAL: 6061-T6 ALUMINUM BAR PER QQ-A-225/8 OR QQ-A-200/8 OR AMS 4117/4128/4115/4116/4160 (REF DART SPEC M6061T6B)

2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

POWDER COAT GREY SANDTEX (4.3.5.6) PER DART QSI 005 4.3 EXCEPT WHERE NOTED 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

4) IDENTIFY WITH DART P/N "D3542-1" USING FINE POINT PERMANENT INK MARKER

5) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

6) BREAK ALL SHARP EDGES 0.005 TO 0.010 MAX

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